

National Functional Guidelines Report # 4

16:03 Fri, Oct 31, 2008

Lab MITKEM (Mitekem Corporation) SDG Y4FY2

Case 37947

Contract EPW05030

Region 9

DDTID 65618

SOW

SOM01.2

Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FY2		Y4FY4		Y4FY5		Y4FY6	
	Field_Sample Soil/Low 1 16 ug/Kg		Field_Sample Soil/Low 1 21 ug/Kg		Field_Sample Soil/Low 1 22 ug/Kg		Field_Sample Soil/Low 1 15 ug/Kg	
Compound	NFG Result	NFG Flag						
Dichlorodifluoromethane	5.4	U	5.6	U	6.0	U	5.9	U
Chloromethane	5.4	U	5.6	U	6.0	U	5.9	U
Vinyl chloride	5.4	U	5.6	U	6.0	U	5.9	U
Bromomethane	5.4	U	5.6	U	6.0	U	5.9	U
Chloroethane	5.4	U	5.6	U	6.0	U	5.9	U
Trichlorofluoromethane	5.4	U	5.6	U	6.0	U	5.9	U
1,1-Dichloroethene	5.4	U	5.6	U	6.0	U	5.9	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U	5.6	U	6.0	U	5.9	U
Acetone	22		19		24		170	
Carbon disulfide	5.4	U	5.6	U	6.0	U	5.9	U
Methyl acetate	5.4	U	5.6	U	6.0	U	5.9	U
Methylene chloride	5.4	U	5.6	U	6.0	U	5.9	U
trans-1,2-Dichloroethene	5.4	U	5.6	U	6.0	U	5.9	U
Methyl tert-butyl ether	5.4	U	5.6	U	6.0	U	5.9	U
1,1-Dichloroethane	5.4	U	5.6	U	6.0	U	5.9	U
cis-1,2-Dichloroethene	5.4	U	5.6	U	6.0	U	5.9	U
2-Butanone	11	U	11	U	12	U	12	U
Bromochloromethane	5.4	U	5.6	U	6.0	U	5.9	U
Chloroform	5.4	U	5.6	U	6.0	U	5.9	U
1,1,1-Trichloroethane	5.4	U	5.6	U	6.0	U	5.9	U
Cyclohexane	5.4	U	5.6	U	6.0	U	5.9	U
Carbon tetrachloride	5.4	U	5.6	U	6.0	U	5.9	U
Benzene	5.4	U	5.6	U	6.0	U	5.9	U
1,2-Dichloroethane	5.4	U	5.6	U	6.0	U	5.9	U
1,4-Dioxane	110	R	110	R	120	R	120	R

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16:03 Fri, Oct 31, 2008

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Case 37947

Contract EPW05030

Region 9

DDTID 65618

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Final Flag Results

VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FY2		Y4FY4		Y4FY5		Y4FY6	
	Field_Sample Soil/Low 1 16 ug/Kg	NFG Result NFG Flag	Field_Sample Soil/Low 1 21 ug/Kg	NFG Result NFG Flag	Field_Sample Soil/Low 1 22 ug/Kg	NFG Result NFG Flag	Field_Sample Soil/Low 1 15 ug/Kg	NFG Result NFG Flag
Compound	NFG Result	NFG Flag						
Trichloroethene	5.4	U	5.6	U	6.0	U	5.9	U
Methylcyclohexane	5.4	U	5.6	U	6.0	U	5.9	U
1,2-Dichloropropane	5.4	U	5.6	U	6.0	U	5.9	U
Bromodichloromethane	5.4	U	5.6	U	6.0	U	5.9	U
cis-1,3-Dichloropropene	5.4	U	5.6	U	6.0	U	5.9	U
4-Methyl-2-pentanone	11	U	11	U	12	U	12	U
Toluene	5.4	U	5.6	U	6.0	U	5.9	U
trans-1,3-Dichloropropene	5.4	U	5.6	U	6.0	U	5.9	U
1,1,2-Trichloroethane	5.4	U	5.6	U	6.0	U	5.9	U
Tetrachloroethene	5.4	U	5.6	U	6.0	U	5.9	U
2-Hexanone	11	U	11	U	12	U	12	U
Dibromochloromethane	5.4	U	5.6	U	6.0	U	5.9	U
1,2-Dibromoethane	5.4	U	5.6	U	6.0	U	5.9	U
Chlorobenzene	5.4	U	5.6	U	6.0	U	5.9	U
Ethylbenzene	5.4	U	5.6	U	6.0	U	5.9	U
o-Xylene	5.4	U	5.6	U	6.0	U	5.9	U
m,p-Xylene	5.4	U	5.6	U	6.0	U	5.9	U
Styrene	5.4	U	5.6	U	6.0	U	5.9	U
Bromoform	5.4	U	5.6	U	6.0	U	5.9	U
Isopropylbenzene	5.4	U	5.6	U	6.0	U	5.9	U
1,1,2,2-Tetrachloroethane	5.4	U	5.6	U	6.0	U	5.9	U
1,3-Dichlorobenzene	5.4	U	5.6	U	6.0	U	5.9	U
1,4-Dichlorobenzene	5.4	U	5.6	U	6.0	U	5.9	U
1,2-Dichlorobenzene	5.4	U	5.6	U	6.0	U	5.9	U
1,2-Dibromo-3-chloropropane	5.4	U	5.6	U	6.0	U	5.9	U
1,2,4-Trichlorobenzene	5.4	U	5.6	U	6.0	U	5.9	U
1,2,3-Trichlorobenzene	5.4	U	5.6	U	6.0	U	5.9	U

National Functional Guidelines Report # 4

16:03 Fri, Oct 31, 2008

Lab MITKEM (Mitekem Corporation) SDG Y4FY2 Case 37947 Contract EPW05030 Region 9 DDTID 65618 SOW SOM01.2

Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FY2		Y4FY4		Y4FY5		Y4FY6	
	Field_Sample Soil/Low 1 16 ug/Kg		Field_Sample Soil/Low 1 21 ug/Kg		Field_Sample Soil/Low 1 22 ug/Kg		Field_Sample Soil/Low 1 15 ug/Kg	
Compound	NFG Result	NFG Flag						
Hexane	0.54	U	0.56	U	0.60	U	0.59	U
Isopropanol	27	R	28	R	30	R	29	R

National Functional Guidelines Report # 4

16:03 Fri, Oct 31, 2008

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Case 37947

Contract EPW05030

Region 9

DDTID 65618

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SOM01.2

Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FY7		Y4FY8		Y4FY9		Y4FZ0		Y4FZ1	
	Field_Sample Soil/Low 1 15 ug/Kg		Field_Sample Soil/Low 1 0 ug/Kg		Field_Sample Soil/Low 1 19 ug/Kg		Field_Sample Soil/Low 1 22 ug/Kg		Field_Sample Soil/Low 1 16 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Dichlorodifluoromethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Chloromethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Vinyl chloride	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Bromomethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Chloroethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Trichlorofluoromethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,1-Dichloroethene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Acetone	170		150		210		230		140	
Carbon disulfide	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Methyl acetate	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Methylene chloride	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
trans-1,2-Dichloroethene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Methyl tert-butyl ether	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,1-Dichloroethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
cis-1,2-Dichloroethene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
2-Butanone	13	U	9.8	U	14	U	13	U	13	U
Bromochloromethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Chloroform	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,1,1-Trichloroethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Cyclohexane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Carbon tetrachloride	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Benzene	6.4	U	4.9	U	7.2	U	3.2	J	6.5	U
1,2-Dichloroethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,4-Dioxane	130	R	98	R	140	R	130	R	130	R

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16:03 Fri, Oct 31, 2008

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Final Flag Results

VOA Low Med IB

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FY7		Y4FY8		Y4FY9		Y4FZ0		Y4FZ1	
	Field_Sample Soil/Low 1 15 ug/Kg	NFG Flag	Field_Sample Soil/Low 1 0 ug/Kg	NFG Flag	Field_Sample Soil/Low 1 19 ug/Kg	NFG Flag	Field_Sample Soil/Low 1 22 ug/Kg	NFG Flag	Field_Sample Soil/Low 1 16 ug/Kg	NFG Flag
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Methylcyclohexane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,2-Dichloropropane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Bromodichloromethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
cis-1,3-Dichloropropene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
4-Methyl-2-pentanone	13	U	9.8	U	14	U	13	U	13	U
Toluene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
trans-1,3-Dichloropropene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,1,2-Trichloroethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Tetrachloroethene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
2-Hexanone	13	U	9.8	U	14	U	13	U	13	U
Dibromochloromethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,2-Dibromoethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Chlorobenzene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Ethylbenzene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
o-Xylene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
m,p-Xylene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Styrene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Bromoform	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
Isopropylbenzene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,1,2,2-Tetrachloroethane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,3-Dichlorobenzene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,4-Dichlorobenzene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,2-Dichlorobenzene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,2-Dibromo-3-chloropropane	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,2,4-Trichlorobenzene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U
1,2,3-Trichlorobenzene	6.4	U	4.9	U	7.2	U	6.7	U	6.5	U

National Functional Guidelines Report # 4

16:03 Fri, Oct 31, 2008

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SOW

SOM01.2

Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FY7		Y4FY8		Y4FY9		Y4FZ0		Y4FZ1	
	Field_Sample Soil/Low 1 15 ug/Kg	Field_Sample Soil/Low 1 0 ug/Kg	Field_Sample Soil/Low 1 19 ug/Kg	Field_Sample Soil/Low 1 22 ug/Kg	Field_Sample Soil/Low 1 16 ug/Kg	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result
Hexane	0.64	U	0.49	U	0.72	U	0.67	U	0.65	U
Isopropanol	32	R	25	R	36	R	33	R	32	R

National Functional Guidelines Report # 4

16:03 Fri, Oct 31, 2008

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Case 37947

Contract EPW05030

Region 9

DDTID 65618

SOW

SOM01.2

Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FZ2		Y4FZ3		Y4FZ4		Y4FZ6		Y4FZ7	
	Field_Sample Soil/Low 1 20 ug/Kg	NFG Result NFG Flag	Field_Sample Soil/Low 1 16 ug/Kg	NFG Result NFG Flag	Field_Sample Soil/Low 1 26 ug/Kg	NFG Result NFG Flag	Field_Sample Soil/Low 1 18 ug/Kg	NFG Result NFG Flag	Field_Sample Soil/Low 1 14 ug/Kg	NFG Result NFG Flag
Dichlorodifluoromethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Chloromethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Vinyl chloride	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Bromomethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Chloroethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Trichlorofluoromethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,1-Dichloroethene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Acetone	49		190		110		64		240	
Carbon disulfide	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Methyl acetate	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Methylene chloride	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
trans-1,2-Dichloroethene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Methyl tert-butyl ether	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,1-Dichloroethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
cis-1,2-Dichloroethene	6.3	U	4.3	J	5.2	J	6.0	U	5.1	J
2-Butanone	13	U	29		14	U	12	U	31	
Bromochloromethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Chloroform	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,1,1-Trichloroethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Cyclohexane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Carbon tetrachloride	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Benzene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,2-Dichloroethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,4-Dioxane	130	R	110	R	140	R	120	R	120	R

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16:03 Fri, Oct 31, 2008

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Final Flag Results

VOA Low Med IB

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FZ2		Y4FZ3		Y4FZ4		Y4FZ6		Y4FZ7	
	Field_Sample Soil/Low 1 20 ug/Kg	NFG Result NFG Flag	Field_Sample Soil/Low 1 16 ug/Kg	NFG Result NFG Flag	Field_Sample Soil/Low 1 26 ug/Kg	NFG Result NFG Flag	Field_Sample Soil/Low 1 18 ug/Kg	NFG Result NFG Flag	Field_Sample Soil/Low 1 14 ug/Kg	NFG Result NFG Flag
Trichloroethene	5.6	J	51		34		6.0	U	6.1	U
Methylcyclohexane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,2-Dichloropropane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Bromodichloromethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
cis-1,3-Dichloropropene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
4-Methyl-2-pentanone	13	U	11	U	14	U	12	U	12	U
Toluene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
trans-1,3-Dichloropropene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,1,2-Trichloroethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Tetrachloroethene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
2-Hexanone	13	U	11	U	14	U	12	U	12	U
Dibromochloromethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,2-Dibromoethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Chlorobenzene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Ethylbenzene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
o-Xylene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
m,p-Xylene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Styrene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Bromoform	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
Isopropylbenzene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,1,2,2-Tetrachloroethane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,3-Dichlorobenzene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,4-Dichlorobenzene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,2-Dichlorobenzene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,2-Dibromo-3-chloropropane	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,2,4-Trichlorobenzene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U
1,2,3-Trichlorobenzene	6.3	U	5.6	U	6.9	U	6.0	U	6.1	U

National Functional Guidelines Report # 4

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SOW

SOM01.2

Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FZ2		Y4FZ3		Y4FZ4		Y4FZ6		Y4FZ7	
	Field_Sample Soil/Low 1 20 ug/Kg		Field_Sample Soil/Low 1 16 ug/Kg		Field_Sample Soil/Low 1 26 ug/Kg		Field_Sample Soil/Low 1 18 ug/Kg		Field_Sample Soil/Low 1 14 ug/Kg	
Compound	NFG Result	NFG Flag								
Hexane	0.63	U	0.56	U	0.69	U	0.60	U	0.61	U
Isopropanol	31	R	28	R	34	R	30	R	30	R

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SOW

SOM01.2

Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FZ8		Y4FZ9		Y4G00		Y4G01		Y4G02	
	Field_Sample Soil/Low 1 13 ug/Kg		Field_Sample Soil/Low 1 17 ug/Kg		Field_Sample Soil/Low 1 6 ug/Kg		Field_Sample Soil/Low 1 13 ug/Kg		Field_Sample Soil/Low 1 24 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Dichlorodifluoromethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Chloromethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Vinyl chloride	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Bromomethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Chloroethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Trichlorofluoromethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,1-Dichloroethene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Acetone	340		14		11	J	16		29	
Carbon disulfide	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Methyl acetate	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Methylene chloride	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
trans-1,2-Dichloroethene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Methyl tert-butyl ether	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,1-Dichloroethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
cis-1,2-Dichloroethene	5.2	J	6.0	U	5.3	U	6.0	U	6.7	U
2-Butanone	50		12	U	11	U	12	U	13	U
Bromochloromethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Chloroform	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,1,1-Trichloroethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Cyclohexane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Carbon tetrachloride	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Benzene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,2-Dichloroethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,4-Dioxane	120	R	120	R	110	R	120	R	130	R

National Functional Guidelines Report # 4

16:03 Fri, Oct 31, 2008

Lab MITKEM (Mitekem Corporation) SDG Y4FY2

Case 37947

Contract EPW05030

Region 9

DDTID 65618

SOW

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Final Flag Results

VOA Low Med IB

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FZ8		Y4FZ9		Y4G00		Y4G01		Y4G02	
	Field_Sample Soil/Low 1 13 ug/Kg	NFG Flag	Field_Sample Soil/Low 1 17 ug/Kg	NFG Flag	Field_Sample Soil/Low 1 6 ug/Kg	NFG Flag	Field_Sample Soil/Low 1 13 ug/Kg	NFG Flag	Field_Sample Soil/Low 1 24 ug/Kg	NFG Flag
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Methylcyclohexane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,2-Dichloropropane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Bromodichloromethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
cis-1,3-Dichloropropene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
4-Methyl-2-pentanone	12	U	12	U	11	U	12	U	13	U
Toluene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
trans-1,3-Dichloropropene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,1,2-Trichloroethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Tetrachloroethene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
2-Hexanone	12	U	12	U	11	U	12	U	13	U
Dibromochloromethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,2-Dibromoethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Chlorobenzene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Ethylbenzene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
o-Xylene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
m,p-Xylene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Styrene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Bromoform	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
Isopropylbenzene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,1,2,2-Tetrachloroethane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,3-Dichlorobenzene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,4-Dichlorobenzene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,2-Dichlorobenzene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,2-Dibromo-3-chloropropane	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,2,4-Trichlorobenzene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U
1,2,3-Trichlorobenzene	5.9	U	6.0	U	5.3	U	6.0	U	6.7	U

National Functional Guidelines Report # 4

16:03 Fri, Oct 31, 2008

Lab MITKEM (Mitekem Corporation) SDG Y4FY2

Case 37947

Contract EPW05030

Region 9

DDTID 65618

SOW

SOM01.2

Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FZ8		Y4FZ9		Y4G00		Y4G01		Y4G02	
	Field_Sample Soil/Low 1 13 ug/Kg	Field_Sample Soil/Low 1 17 ug/Kg	Field_Sample Soil/Low 1 6 ug/Kg	Field_Sample Soil/Low 1 13 ug/Kg	Field_Sample Soil/Low 1 24 ug/Kg	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result
Hexane	0.59	U	0.60	U	0.53	U	0.60	U	0.67	U
Isopropanol	29	R	30	R	27	R	30	R	34	R

National Functional Guidelines Report # 4

16:03 Fri, Oct 31, 2008

Lab MITKEM (Mitekem Corporation) SDG Y4FY2

Case 37947

Contract EPW05030

Region 9

DDTID 65618

SOW

SOM01.2

Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G07		Y4G07MS		Y4G07MSD		VBLK5W		VBLK5Y	
	Field_Sample Soil/Low 1 23 ug/Kg		Matrix_Spike Soil/Low 1 23 ug/Kg		Matrix_Spike_Duplicate Soil/Low 1 23 ug/Kg		Method_Blank Soil/Low 1 0 ug/Kg		Method_Blank Soil/Low 1 0 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Dichlorodifluoromethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Chloromethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Vinyl chloride	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Bromomethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Chloroethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Trichlorofluoromethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,1-Dichloroethene	7.2	U	59		58		5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Acetone	140		110		97		10	U	10	U
Carbon disulfide	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Methyl acetate	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Methylene chloride	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Methyl tert-butyl ether	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,1-Dichloroethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	5.1	J	5.8	J	4.7	J	5.0	U	5.0	U
2-Butanone	14	U	14	U	13	U	10	U	10	U
Bromochloromethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Chloroform	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,1,1-Trichloroethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Cyclohexane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Carbon tetrachloride	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Benzene	7.2	U	74		69		5.0	U	5.0	U
1,2-Dichloroethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,4-Dioxane	140	R	140	R	130	R	100	R	100	R

National Functional Guidelines Report # 4

16:03 Fri, Oct 31, 2008

Lab MITKEM (Mitekem Corporation) SDG Y4FY2

Case 37947

Contract EPW05030

Region 9

DDTID 65618

SOW

SOM01.2

Final Flag Results

VOA Low Med IB

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G07		Y4G07MS		Y4G07MSD		VBLK5W		VBLK5Y	
	Field Sample Soil/Low 1 23 ug/Kg		Matrix_Spike Soil/Low 1 23 ug/Kg		Matrix_Spike_Duplicate Soil/Low 1 23 ug/Kg		Method_Blank Soil/Low 1 0 ug/Kg		Method_Blank Soil/Low 1 0 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	74		160		150		5.0	U	5.0	U
Methylcyclohexane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,2-Dichloropropane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Bromodichloromethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
4-Methyl-2-pentanone	14	U	14	U	13	U	10	U	10	U
Toluene	7.2	U	75		71		5.0	U	5.0	U
trans-1,3-Dichloropropene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,1,2-Trichloroethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Tetrachloroethene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
2-Hexanone	14	U	14	U	13	U	10	U	10	U
Dibromochloromethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,2-Dibromoethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Chlorobenzene	7.2	U	76		73		5.0	U	5.0	U
Ethylbenzene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
o-Xylene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
m,p-Xylene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Styrene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Bromoform	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
Isopropylbenzene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,3-Dichlorobenzene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,4-Dichlorobenzene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,2-Dichlorobenzene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	7.2	U	6.8	U	6.6	U	5.0	U	5.0	U

National Functional Guidelines Report # 4

16:03 Fri, Oct 31, 2008

Lab MITKEM (Mitekem Corporation) SDG Y4FY2 Case 37947 Contract EPW05030 Region 9 DDTID 65618 SOW SOM01.2

Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G07		Y4G07MS		Y4G07MSD		VBLK5W		VBLK5Y	
	Field_Sample Soil/Low 1 23 ug/Kg		Matrix_Spike Soil/Low 1 23 ug/Kg		Matrix_Spike_Duplicate Soil/Low 1 23 ug/Kg		Method_Blank Soil/Low 1 0 ug/Kg		Method_Blank Soil/Low 1 0 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.72	U	0.68	U	0.66	U	0.50	U	0.50	U
Isopropanol	36	R	34	R	33	R	25	R	25	R

National Functional Guidelines Report # 4

16:03 Fri, Oct 31, 2008

Lab MITKEM (Mitekem Corporation)
SOM01.2

SDG Y4FY2

Case 37947

Contract EPW05030

Region 9

DDTID 65618

SOW

Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	VBLKC5 Method_Blank Soil/Low 1 0 ug/Kg		VHBLKC5 Storage_Blank Soil/Low 1 0 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result
Dichlorodifluoromethane	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U
Acetone	10	U	10	U
Carbon disulfide	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	5.0	U
cis-1,2-Dichloroethene	5.0	U	5.0	U
2-Butanone	10	U	10	U
Bromochloromethane	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U
1,1,1-Trichloroethane	5.0	U	5.0	U
Cyclohexane	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U
Benzene	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U
1,4-Dioxane	100	R	100	R

National Functional Guidelines Report # 4

16:03 Fri, Oct 31, 2008

Lab MITKEM (Mitekem Corporation)
SOM01.2

SDG Y4FY2

Case 37947

Contract EPW05030

Region 9

DDTID 65618

SOW

Final Flag Results

VOA Low Med IB

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	VBLKC5		VHBLKC5	
	Method_Blank Soil/Low 1 0 ug/Kg		Storage_Blank Soil/Low 1 0 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	5.0	U	5.0	U
Methylcyclohexane	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U
Toluene	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U
1,1,2-Trichloroethane	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U
2-Hexanone	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U
Styrene	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U

National Functional Guidelines Report # 4

16:03 Fri, Oct 31, 2008

Lab MITKEM (Mitekem Corporation) SDG Y4FY2 Case 37947 Contract EPW05030 Region 9 DDTID 65618 SOW SOM01.2

Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	VBLKC5		VHBLKC5	
	Method_Blank Soil/Low 1 0 ug/Kg		Storage_Blank Soil/Low 1 0 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.50	U	0.50	U
Isopropanol	25	R	25	R